

# Adding Integers

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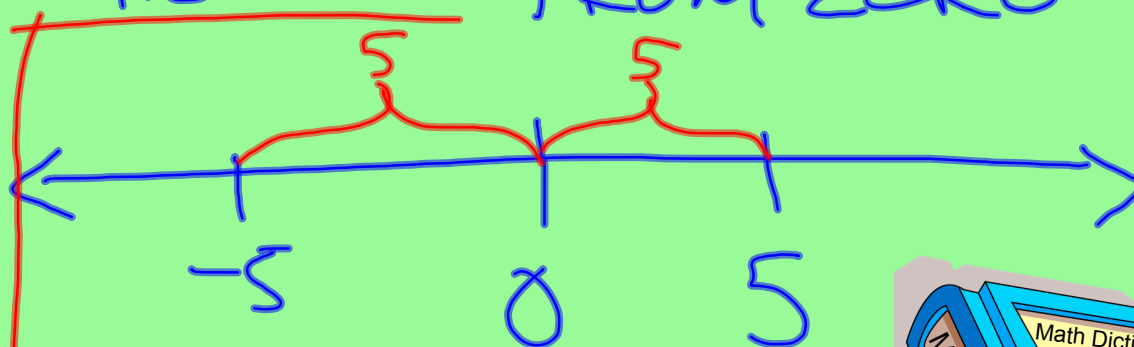
First, a vocabulary word . . .



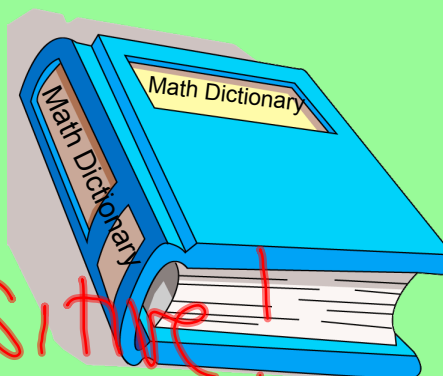
Add to your Math Dictionary . . .

absolute value -

distance from zero



Distance is  
ALWAYS positive!



$$|10| = 10$$

$$|-13| = 13$$

Let's practice.

What is the absolute value of the following?

$$1) |63| = 63 \quad 3) |-45| = 45$$

$$2) |-93| = 93 \quad 4) |-b| = b$$

Let's see what addition looks like on a number line . . .



$$1) 7 + -3 = 4$$

$$2) \text{2} + -6 = -8$$

$$3) -9 + 4 = -5$$

It doesn't always  
some rules instead

If the signs are the same,  
add the numbers and keep the sign.

→ If signs are the same find

the  
SUM


If the signs are different,  
SUBTRACT the numbers and use the  
sign of the larger number (the number  
with the greatest absolute value).

if signs are different  
find the difference.

$$1) 67 + -5 = 62$$

$$2) -40 + -12 = -52$$

$$3) -36 + 8 = -28$$

$$4) 52 + -15 = 37$$


On the first try, you correctly answered 3 questions.

100 %

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Rating



Fantastic!

You are a master!

Reset



Planners